

## Active Recombinant Human FGFR2, Fc Chimera

**Cat. No.** FGFR2-690H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
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| <b>Product Overview</b>     | Recombinant Human FGFR2 (Accession # NP_001138387) was produced in Mouse myeloma cell line, NS0-derived.                                                                                      |
| <b>Species</b>              | Human                                                                                                                                                                                         |
| <b>Source</b>               | Mammalian Cells                                                                                                                                                                               |
| <b>Predicted N Terminal</b> | Arg22 & Leu27                                                                                                                                                                                 |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                            |
| <b>Bio-activity</b>         | Measured by its ability to inhibit FGF acidic-dependent proliferation of NR6R-3T3 mouse fibroblast cells. The ED50 for this effect is typically 1 - 3 ng/mL.                                  |
| <b>Molecular Mass</b>       | Recombinant Human FGFR2, Fc Chimera has a calculated MW of 56 kDa (monomer). In SDS-PAGE migrates as 100 kDa, reducing conditions.                                                            |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

### GENE INFORMATION

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| <b>Gene Name</b>           | FGFR2 fibroblast growth factor receptor 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b>     | FGFR2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>            | FGFR2; fibroblast growth factor receptor 2; bacteria expressed kinase , BEK, CFD1, craniofacial dysostosis 1 , Jackson Weiss syndrome , JWS, keratinocyte growth factor receptor , KGFR; CD332; CEK3; Crouzon syndrome; ECT1; K SAM; Pfeiffer syndrome; TK14; TK25; FGFR-2; FGF receptor; soluble FGFR4 variant 4; bacteria-expressed kinase; hydroxyaryl-protein kinase; keratinocyte growth factor receptor; BEK fibroblast growth factor receptor; protein tyrosine kinase, receptor like 14; BEK; JWS; CFD1; KGFR; BFR-1; K-SAM; FLJ98662; |
| <b>Gene ID</b>             | 2263                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>         | NM_000141                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>      | NP_000132                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>                 | 176943                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>          | P21802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Chromosome Location</b> | 10q25.3-q26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |